



*ITW*

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PATENT

Attorney Docket No. 82981  
Client Ref. No. 752120US:RMM

TOWNSEND and TOWNSEND and CREW LLP

By: *James Walker*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

ROY FEATHERSTONE, ET AL.

Application No. 10/589,090

Filed: August 9, 2006

For: SHAPE MEMORY ALLOY  
ACTUATOR

Customer No. 20350

Confirmation No. 5493

Examiner:

Technology Center/Art Unit: 3748

SECOND PRELIMINARY AMENDMENT

San Francisco, CA 94111  
January 29, 2007

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.